

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims

Claim 1 (Currently Amended): A hydrocarbon-reforming catalyst, comprising:

a porous carrier body, formed from at least one oxide powder selected from the group consisting of magnesia, alumina, zirconia, titania and calcia; and

~~a complex oxide at least one catalytic activity constituent selected from the group consisting of Ni and Co and at least one carrier-forming constituent selected from the group consisting of compounds of Mg, Al, Zr, Ti and Ca, wherein the complex oxide is formed by co-precipitating both the catalytic activity and carrier-forming constituents on a surface of the porous carrier body from an impregnating solution, and calcining the porous body impregnated with the catalytic activity and the carrier-forming constituents; and~~

catalytic-activity particles, distributed on the surface of the porous body and produced by activating thea complex oxide and distributed on the surface of the porous body, wherein 80% or more of the catalytic-activity particles are 3.5 nm or less in size, the complex oxide comprising at least one catalytic-activity constituent selected from the group consisting of Ni and Co and at least one carrier-forming constituent selected from the group consisting of compounds of Mg, Al, Zr, Ti and Ca, wherein the complex oxide is formed by co-precipitating both the catalytic-activity and carrier-forming constituents on a surface of the porous carrier body from an impregnating solution, and calcining the porous body impregnated with the catalytic-activity and the carrier-forming constituents.

Claim 2 (Previously Presented): The hydrocarbon-reforming catalyst as defined by Claim 1, wherein the catalytic-activity particles are one or more selected from the group consisting of Ni, Co and compounds of Ni and Co.

Claims 3-4 (Cancelled).